USER' S MANUAL

Product:
Stretcher Model EOT-2600

INTRODUCTION:

Congratulations! You have just purchased a product developed using the latest high-tech concepts available on the market. This equipment was designed following strict quality standards to provide maximum performance, quality and safety to the user.

PRODUCT:

Technical Name: Ophthalmic Stretcher
Trade Name: Ophthalmic Stretcher
Business Model: EOT-2600

ATTENTION!
Read all the information contained in this Manual before you start using the equipment.

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1. PRESENTATION OF MODELS

Ophthalmic Stretcher EOT-2600 was developed to meet the diverse needs of medical professional according to their requirements.

Here are all the necessary information for the correct installation and use of the product.

2. Ophthalmic Stretcher EOT-2600

2.1. IDENTIFICATION PRODUCT

Technical Name: Ophthalmic Stretcher
Trade Name: Ophthalmic Stretcher
Business Model: EOT-2600

2.2. PRODUCT DESCRIPTION

Ophthalmic Stretcher EOT-2600 is controlled by the operator via remote control, or manual control. The remote control offers two preset positions, a security lock system and has a Stand-by, where it enters this position after 15 seconds without drive, protecting any unwanted movement.. Has the bed lifting system, back rest drive electric gear motor working oil-free and extremely quiet. Its operation enables various settings, including preparation, operation and post-surgical operation of the patient, allows the Trendelenburg position (optional) (position occurs in which the inclination of the patient in order to assist in the surgical procedure). It has retractable headrest; adjustable arm rest for the surgeon; surgical field for the patient, supplying oxygen through a hose connected to an oxygen cylinder (not included); supported cylindrical base oxygen; retractable side rails and lockable IV support; It has internal structure of carbon steel SAE1020 with surface treatment and epoxy paint finishing with polystyrene for ease cleaning;. It has padded foam laminated anti-deforming and density controlled coated synthetic leather anti-mold with rounded corners. Systems casters with 8", which facilitates the movement of the stretcher, with multiple locking brakes. The equipment is supplied with 127/220V automatic voltage selection. The electrical gear motors are powered by are chargeable battery pack, need not be connected energy for its operation. It is also configurable for operation directly connected to the power grid.

2.3 PHYSICAL PRINCIPLE AND BASIS OF PRODUCT TECHNOLOGY APPLIED TO ITS OPERATION AND ITS ACTION

Equipment developed in steel frame painted with padding for support and divided into two main parts (base and bed) with movements being independent electrical (motors motorcycles) and drive controls.

2.4 Parts and accessories accompanying the product

Item	Descriptionofparts
01	Retractable Headrest
02	Surgical Field
03	Retractable Lateral Grid
04	Legrest
05	Seat
06	Backrest
07	LockRetractable Grid
08	Base
09	Rechargeable Battery Cover
10	Brake Pedal
11	Manual Control Panel

2.4.1. Accessories:

Power Cord

Remote Control

Support Serum

Headrest
Surgical

Oxygen
Hose 1.5 m

Support Field
Surgical Oxygen

2.5 .Optional items, consumables and materialsupport:

2.5.1. Optional items:

Oxygen
Hose 1.5 m

2.5.2. Consumables:

Oxygen cylinder

2.5.3. Handout:

Instructions of Use and Warranty Certificate

ATTENTION!

The use of parts, accessories or equipment not specified in this Manual is the responsibility of the owner and may even jeopardize the warranty period for the particular product.

2.6.Technical Specifications:

Product Class ..... Class1 (low risk)
Protection against electric shock ..... Class IType B
Levelof protectionIP IPX4-protectionagainstspills
Mode of operation .....continuous operation
Supply Voltage ..... 127~220V
Operating Frequency ..... 50/60 Hz
TypeofBattery ..... Sealed batteryPB-12V7AH
Charging time ..... 5 hours
Autonomy ..... 40 minutescontinuous
Charge Current 2A
Engine DC24V
Type fuse FastFuse20 mm-2A
Energy consumption 150W
Maximum lift capacity 300Kg
Dimensions(configurationlitter) ..... 1860 x 840x600mm(L x W x H)
Dimensions(bed configuration) ..... 1960 x 840x600mm(L x W x H)
Maximum height/minimum seat ..... 800mm /600mm
Area covered(configurationlitter) 1.65m²
Net Weight ..... 90 kg
Gross Weight ..... 138 kg
Package Type ..... Wooden box
Packaging Dimensions ..... 1450 x 850x 1130mm(L x W x H)

2.7 Directions for proper use of the product

2.7.1 Overview of the Equipment :

2.7.2 Positions to use the Stretcher

	Sitting Position: Position for the rest of the patient after surgery. **Lying Position:** Position the start of the examinations Position the patient lying down.

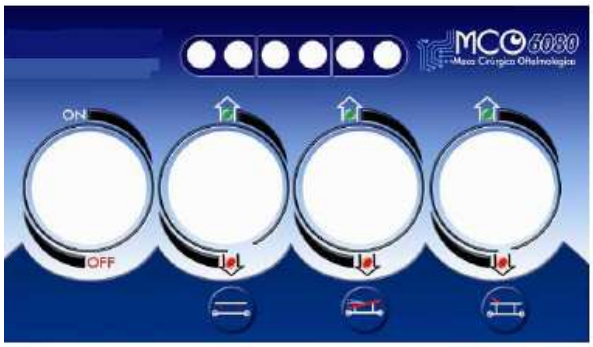
	Opening and Closing of the Grids: Articulated movements to facilitate entry and exit of the patient and for fall protection.
	Retractable Headrest: Articulated movement with height adjustment and tilt with anatomic padding injected foam.
	Trendelenburg Movement: Tilt the bed to assist In surgery.(Optional)
	Multiple Break System It has three settings: 1 –Brake total;2 -free wheels, 3 - directional (use for moving the chair).
	Surgical Field: Helps with oxygen during surgery.

2.7.3 Commands to Control the Movement of the Chair

The commands for control of Ophthalmic Stretcher,EOT-2600 can be triggered by the operator via the remote control or control panel. Have electrical controls for adjusting the bed height, inclination of the back rest of the chest and two preset positions, in which the recorded position search Stretcher to facilitate operator handling. The Stretcher control operations are performed by adjusting it thru a simple touch on the control keys.

ATTENTION!
The remote control and control panel, have no protection against liquids, therefore cannot be considered to be waterproof.

Layout of the controls located on the Remote Control



Layout of the controls located on the Base Chair

Key	Command	Description
	On	Remote Control Release
	Up	Bed Elevation
	Down	Down of the Bed
	Up	Trendelemburg Elevation. (optional)
	Down	Down of Trendelemburg. (optional)
	Recline	Backrest Elevation
	Incline	Down of Backrest
	Position 1	Searching bed low position.
	Position 2	Searching bed sitting down position.
	Remote Security Latch	Lock all control commands and control manual panel (The lock is located on the top ofthe remote).

ATTENTION!
Use the REMOTE SECURITY LATCH for surgery; thus avoiding undesirable movements.

ATTENTION!
It is strictly inadvisable to use the equipment by persons not trained, and are not responsible for misuse of the same.

ATTENTION!
Carefully read the following instructions before starting the installation of the equipment for the first time.

3 Installation of Equipment

-Before starting the installation of the equipment, make sure there are no broken component inside the package. If this happens, immediately contact the company to resolve the issue.
-Install the equipment in proper place and with enough space for your
movements can be performed freely and allowing access to all parts.
-Ensure that the electrical supply network site has the127 or220V voltages and that it supports at least 180 Watts of power.

Note: The equipment has automatic voltage selector.

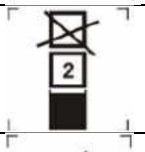
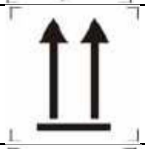
-The equipment must be plugged into an outlet installed specifically for this purpose and grounding as ABNT standards in place to ensure complete safety and proper operation of equipment.
-Do not connect receptacles or other devices into the same outlet where the equipment is installed.
-When connecting the power cord into the outlet make sure it is not pierced in places where prolonged movement of people to prevent their accidental disconnection and possible damage to the cord or outlet.
- Insert the stem of the headrest into the hole at the top of the back of the chest and turn the knob clockwise to fix lock into position.
-If necessary, the manufacturer has specialized technical team to perform the installation of the equipment.

BEFORE INSTALLATION:

4. SPECIAL STORAGE, PRESERVATION AND / OR HANDLING

4.1. PACKING:

All information on precautions to be taken during transport and storage of the product are listed in its own packaging through standard symbologies as described below:

Symbol	Description
	Fragile. Caution in transportation and storage.
	Maximum number of stacking. At most two identical units can be stacked one upon the other.
	Need moisture protection in transport and storage.
	Upward direction. Positioning the package during transport and storage.
	Temperature Limit(0 to55º) for transport and storage.

4.2. STORAGE:

-Keep the product in its original packaging and in a place protected from moisture and excessive heat.
- If there is the need to store multiple devices in their respective
packaging, stacking up to be a maximum of two units(as indicated by the symbol).

4.3. TRANSPORTATION:

-During transportation, avoid vibration, falls and impacts directly on the packaging.
-When handling the equipment out of its original packaging, proceed from their base and not by arms or other piece of equipment.
-During transportand storage, make sure that environmental conditions
lie within the ranges specified as follows:

Ambient temperature for storage and transportation.....0° C to+55° C
Relative humidityfor storage and transportation.....0% to 90%
Pressure.....375-795mmHg

AFTER INSTALLATION:

4.4. PACKING:

-Keep the product and location protected from moisture and excessive heat, including the incision of sunlight on it.
-During the accommodation and operation of the product, verify that environmental conditions are within the ranges specified as described below:
Ambient temperature for storage and transportation.....+10° C to+35° C
Relative humidity for storage and transportation.....30% to 75%
Pressure.....375-795mmHg

4.5. CONSERVATION:

-During use, clean equipment with damp cloth and mild soap and alcohol padding in the other parts.
-After each use, keeping equipment clean and disinfected.
-Do not insert or spill liquid inside the equipment.
- Do not use organic solvents (thinner) or products that release chlorine to clean the equipment.
-Keep the equipment in a clean and away from dust.

4.6 Product Use:

Ophthalmic Stretcher EOT-2600 offers the user two options work, set to work directly on the power grid or using the batteries. When disconnecting the mains Chair automatically begins to use the batteries.

Item	Description of parts
01	Fuse Base Outlet
02	Remote Control Connecto
03	Security Latch (LOCK)

Manual Control Panel

4.6.1 How To Release remote control

-Press the ON key on the remote control. This function is designed to not perform unnecessary movement during handling.

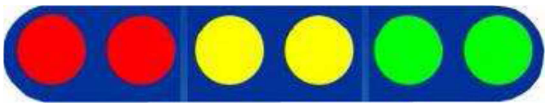
4.6.2 Using Security Latch

-Place the chair in the desired position and then press the Security Latch Bottom (located on top of the remote or manual control panel LOCK) to cancel any unwanted movements.
-Pressed the lock control, use the same commands to return again.
-Pressed lock the control panel, use it to return the command and control panel.
Note: In case of accident or fall involving control, in which damage their commands or your cable, use as the safest security lock the control panel manual (LOCK).

ATTENTION!
Use the LATCH SAFETY LOCAL OR REMOTE for surgery, thus avoiding undesirable movements.

4.6.3 Indication Battery Charge

-In the control panel manual of Stretcher, is installed a display of battery charge level featuring the levels:
Red Level- load;
Yellow Level-half load;
Green Level-charged battery.
-When the load reaches the red level (see figure below) will block the command on the remote control and will start a beep every 45 seconds indicating the need to recharge the batteries.



4.6.4 How to charge the batteries

-To recharge the batteries, plug the power cord into the corresponding socket located on the control panel's Stretcher, as described in item 4.6 of this manual, then place the ON/ OFON (Manual Control Panel). Connect to the outlet, the battery automatically begins its process of reloading.
- The chair has a device which while making the charging of the batteries, at the same time can be used normally when connected the outlet.

4.6.5 How to Perform the replacement off batteries

- The battery compartment is located at the base of the chair.
-Remove the screws and remove the battery cover.
-Then release the tape securing the batteries and cables red (positive) and black (negative).
-Replace the batteries by placing it in the original position.
-Then reconnect the cables (red and black) watching their polarities.
-Secure the battery with tape fastening and replace the cover and their screws.

5. WARNINGS AND / OR PRECAUTIONS TO BE TAKEN

5.1 - SPECIAL WARNINGS AND / OR PRECAUTIONS FOR USERS

This equipment should only be used by trained personnel under the direction of qualified medical staff familiar with the risks and known benefits on using the Stretcher.

5.2 - SPECIAL WARNINGS AND / OR PRECAUTIONS WITH WEIGHT LIMITS

Never exceed the weight limits specified by the manufacturer .Never sit or stand on the back of the Backrest. Use only the bed for this purpose. Danger of tipping!

5.3 Warning and / or precautions hazardous

Ophthalmic Stretcher EOT-2600 is not suitable for use in presence of flammable anesthetic gases or other flammable materials, such as some types of cleaning products.
Do not connect and do not throw the Ophthalmic Stretcher EOT-2600 in areas where there may be danger of an explosion.

5.4 Warnings and /or precautions for electrical hazards

Check if the out let where the equipment is connected is properly grounded with pin
for smooth operation, and safety of the equipment, as technical standard ABNT.
At the end of the work it is essential that the shutdown is done by the key
On / off equipment. This procedure can prevent circuit overload electrical equipment next time it is turned on. If there is a power outage or blown fuse in battery charging, work must disconnect the equipment through the on / off switch, thereby avoiding, when power return equipment, which an overload can damage the equipment. When replacing fuses, maintain the same specifications (type and capacity) provided by the manufacturer to ensure electrical protection.
When making replacement of the fuse, disconnect the equipment before using the keyon / off and then unplug it from the outlet to prevent possible electric shock.
Do not use the power cord if any part of it is pinched or if the coverinsulation is damaged.

5.5 Warnings and / or precautions during transport storage

The product must be stored and transported with a maximum stack of two (2) units, as well as protected from moisture (do not expose to rain, spills, etc.).
Because it is a fragile product, one must take care to not the same suffer severe shocks.

5.6 Warnings and / or precautions during equipment maintenance

Do not repair or replace defective or inoperable equipment by parties other similar devices. Only ELIEZER and its distributors can make repairs with original parts and ensure smooth operation of the equipment.

To ensure the safety of electrical equipment throughout its lifetime, we recommend that the device is verified by our authorized service intervals scheduled at least once a year (after the warranty).Failure periodic inspection period may result in personal injury and damage to equipment.

5.7 Warnings and or/ precautions during cleanup

Lower Ophthalmic Stretcher EOT-2600, and then disconnect it from the mains before carrying out any cleaning procedure.
Do not use cleaning equipment for high pressure or steam.
Do not use any cleaning agents that release chlorine and / or peracetic acid!
In the case of heavily soiled surfaces, use soap in concentrated form and then wipe with a cloth dampened with clean water. Do not use cleaning agents by wet chemical process or containing substances abrasive.

Keep your upholstery free of oil and oily substances.
Always keep the equipment clean and disinfected after each medical procedure.

5.8 Warning and / or precautions to ensure the quality of bateries

It is strongly recommended to fully discharge the battery every 40 hours of use in order to keep the working time of the batteries in the appropriate standards.

6. Product Performance
6.1 Indication and intended use of the product

Note: Designed to be used in medical clinic, and hospitals to assist health professionals to position the patient in positions Special diagnoses and surgeries, providing comfort to the patient and the professional.
Purpose: To facilitate positioning of patients during consultations, diagnostics and some surgical procedures.

6.2 Side Effects undesirable side

Not applicable to this product.

6.3 Safety and efficacy of the product

Ophthalmic Stretcher EOT-2600 was designed and developed with non-toxic materials and meeting the highest standards of technical quality of total security and functionality to the user.
If used according to the instructions described in this manual, the equipment will not cause any problems and not lose or change their physical characteristics and dimensional.

7: Solution of Problems

Problem	Possible cause	Solution
The Stretcher does not work in the Network	On / Off switch in the "Off"	Change the switch to the "ON"
	Circuit Breaker Disconnected	Reset circuit breaker(only once)
	Damaged or blown fuse	Replace the fuse with another of the same specification
	Damaged power cord	Replace Power cord
The Stretcher does not work with Battery	Dead or Damage Battery	Connect the power cord to charge the battery in the network
		Replacethe batteries withthe same specification
ON and OFF Switch Works, but No Command works.	Fuse of Board damage or burnt	Contact the Distributor

Manual Remote Control does not Work	Disconnected or Damage Cable	Make sure cable is correctly connected
	Security lock activated	Check item 4.6.2 of this Manual

Note: If the problem is not solved as described in the table above, please contact immediately with your local ELIEZER distributor.

8. Procedure re- use Product

8.1 Cleaning

The cleaning of the equipment should be performed before and after receiving each patient.Cleaning the upholstery, metal parts and manual control with a damp cloth and soap neutral. Weakly alkaline cleaning products can be used to clean upholstery.

Note: Do not use any cleaning product chlorine-based and / or peracetic acid!

8.2 Disinfection

Use a germicide or disinfectant product broad spectrum, taking special care not to leave residues that may cause any toxic or allergic reaction when in contact with the patient's body.
Alcohol-based hand sanitizer can be purchased in the market with the most diverse concentrations.

Note: Otherdisinfectantscan be used,but withmaximum valuesasthe following table:

Product	Dilution (maximum values for 100gof disinfectant)
Etanol 96%	40g
Propanol	35g
Dialdeídoglutaric 25%	0,075g
Etiltexanal	0,010g
Formaldeid Solution	0,010g
Glioxal	0,165g
Sodium Hypocloric	0,050g

ELIEZER is not responsible for the use of different substances or solutions whose concentration is above those specified in this Manual.

8.3 PACKAGING

Keep equipment protected from moisture and heat ,when the equipment is out of operation(unused) for a prolonged period, is advised to unplug the power cord from the wall outlet and connect it only when re-upload it.

9. PRECAUTIONS IN CASE OF PRODUCT CHANGE OPERATION

If your present heating equipment or unusual noisy, make sure the problem is related to some of the problems mentioned under item this manual. If you still cannot solve the problem, turn off the equipment immediately, unplug the power cord from the outlet and then contact your local ELIEZER distributor for analysis and implementation of repairs.

10. SENSITIVITY TO ENVIRONMENTAL CONDITIONS IN NORMAL USE SITUATIONS

Ophthalmic Stretcer EOT-2600, is specifically designed and developed to avoid sensitivity to electromagnetic interference ,influences external electrical, electrostatic discharge and variations in pressure and temperature. Therefore, the equipment must be transported, installed, maintained and handled as the instructions contained herein.
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